contracting guaranteed level of energy performance, need to develop energy conservation building codes for future buildings to adopt, promote labelling on equipments and appliances, urge State Utilities to implement Demand Side Management measures covering also the agriculture sector and promoting renewable energy sources as overall strategy to meet the growing energy requirement of the country.

Investment in Power Projects in Gujarat

3518. PROF. ALKA BALRAM KSHATRIYA: Will the Minister of POWER be pleased to state :

(a) whether the Union Government have made any investment in power projects in Gujarat;

(b) if so, the details thereof, project-wise and amount of investment of the last three years; and

(c) the share of the State Government in this regard?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA) : (a) and (b) No investment has been made in Central Sector in Gujarat during the last three years.

(c) Does not arise.

Detailed Project Reports (DPRs) of Hydro Power Projects in NER

3519. DR. ARUN KUMAR SARMA: Will the Minister of POWER be pleased to refer to reply of Starred Question 417 given in the Rajya Sabha on the 18th December, 2002 and state the details of DPR prepared and being prepared on 17 Hydro Power Projects in NER, showing location, outlay and present status?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA) : At present there are 18 hydro-electric projects with an aggregate installed capacity of 25,890 MW in North Eastern Region in the Brahmaputra and Barak Basins for which Detailed Project Reports (DPRs) have been prepared. Out of these, 5 Hydro-electric Projects with an aggregate capacity of 359 MW are on going schemes. Besides, 4 Hydro-electric schemes have been cleared by Central Electricity Authority (CEA) with total capacity as 2,890 MW. DPR for one Hydro-electric scheme of 1,500 MW is under examination in CEA after appraisal and DPRs for an installed capacity of 21,141 MW have been returned for re-submission or are under revision with the concerned states/projects authorities. Details of these schemes with their locations, executing agencies, estimated costs, present status etc. are given in the enclosed statement.

Statement

Details of the schemes with their Locations, Executing Agencies, Estimated Costs, present status etc.

Sl. No.	Name of Scheme	Location/ District	Executing Agency	Installed Capacity (MW)	Estimated Cost (Rs. Crs.)	Status
1	2	3	4	5	6	7
A.	ON GOING					
1.	*Kapili Stage-II*	Assam/N.C. Hills	NEEPCO	25	99.35	- Major order placed and civil works in progress. Commissioning target : July, 2003.
2.	*Tuirial*	Mizoram/Aizawal	NEEPCO	60	448.19	-Infrastructure works in progress. Commissioning target July, 2006.
3.	*Loktak Down* Stream	Manipur/ Temeng long	NHPC	90	578.62	-Project was sanctioned on 30-12-1999. -Active work could not be taken up. - Work held up due to law and order problems at site.

1	2	3	4	5	6	7
4.	*Lower Borpani*	Assam/ Karbi Anglong	ASEB	100	470.86	Major civil works completed and erection work in progress. Commissioning target: 2004-05.
5.	*Myntdu*	Meghalaya/ Jaintia Hills	MeSEB	84	363.08	Infrastructure works in progress. Commissioning target: 2006-07.
				359		
B.	**CLEARED BY CEA**					
6.	Kemeng	Ar. Pradesh/ Kemeng	NEEPCO	600	2795.11	- Techno-economic clearance (TEC) accorded. - Environmental clearance accorded. - 2nd Stage Forest clearance accorded. - Investment approval for stage II (detailed investigations and pre-construction activities) accorded.

1	2	3	4	5	6	7
7.	*Tuivai*	Mizoram/ Aizawl	NEEPCO	210	1258.84	- All statutory clearances accorded. - Stage-II proposal for development of infrastructure is under examination by the Central Electricity Authority (CEA). - Various options for tying-up funds for the project are under process.
8.	*Bairabi Dam*	Meghalaya/ Kolasib	MeSEB	80	549.43	- Cleared by CEA on 09-11-2000. - Construction yet to be taken up.
9.	*Subansiri Lower*	Ar. Pradesh/ Lower Subansiri	NHPC	2000	6408.68	- CEA has accorded TEC on 13th January, 2003. The process of investment approval have been initiated. - Environmental clearance is awaited from MOEF.
		Grand Total	=	2890		

1	2	3	4	5	6	7
C.	**H. E. Schemes under Examination**					
10.	Tipaimukh	Manipur/ Churachandpur	NEEPCO	1500	5163.86	- NOC from Govt. of Mizoram and Govt. of Assam has been obtained on August, 2001 and July, 2002 respectively. - MOU with Govt. of Manipur signed on 09-01-2003. - Techno-Economic Appraisal has been considered by CEA on 09th January, 2003 and found in order, TEC is under examination by CEA.
				1500		
D.	**H. E. Schemes for Resubmission/Under Revision**					
11.	Ranganadi Stage-II	Ar. Pradesh/ Lower Subansiri	NEEPCO	180	854.35	- Original DPR returned in June, 1998. - The project got Stage-II clearance on 11-02-

1	2	3	4	5	6	7
						2003 by CEA under 3 stage clearance procedure.
12.	*Demwe*	Ar. Pradesh/ Lohit	NEEPCO	520	1495.10	- Govt. of Ar. Pradesh is trying for the develoment of project under private sector.
13.	*Dihang*	Ar. Pradesh/Siang	NHPC	*20000	12171	- Revised proposal with three storage dam sites transferred to NHPC, is under investigation.
14.	*Karbi Langpi (Upper Borpani)*	Assam/Karbi Anglong	ASEB	60	127.47	- Involves interstate aspects.
15.	*Lower Kopili*	Assam/Karbi Anglong	NEEPCO	150	570.38	- Feasibility report submitted by NEEPCO is under consideration in CEA. - Yet to be referred for Environment and Forest Clearance. - MOU with the State Government yet to be signed.

1	2	3	4	5	6		7
16.	*Irang*	Manipur/ Tamenglong	Manipur S.E.B.	60	118	-	Under additional investigation
17.	*Tuivai*	Manipur/ Churachandpur	Manipur S.E.B.	51	117	-	Under additional investigation.
18.	*Kolodyne Stage-I*	Mizoram/ Lunglei	Mizoram S.E.B	120	1174.12	-	Non-compliance of comments of CEA.
				21141			
			Grant Total :	25890			

*Revised estimated Installed Capacity = 13700 MW